JC07 Rec'd PCT/PTO 30 MAR 2005

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER: 90959US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5): To Be Assigned 10/529677

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US2003/036256	13 November 2003	13 December 2002

TITLE OF INVENTION
IMPROVEMENTS RELATING TO DIPOLE ANTENNAS AND COAXIAL TO MICROSTRIP TRANSITIONS

APPLICANT(S) FOR DO/EO/US
Bisiules et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
   a. ☒ is attached hereto (required only if not communicated by the International Bureau).
   b. ☐ has been communicated by the International Bureau.
   c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
   a. ☐ is attached hereto.
   b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
   a. ☐ are attached hereto (required only if not communicated by the International Bureau).
   b. ☐ have been communicated by the International Bureau.
   c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
   d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV 592966538 US**
23. ☒ Other items or information:
    Application Data Sheet

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PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/529677 **To Be Assigned**	**PCT/US2003/036256**	**90959US**

24. The following fees are submitted:		Applicant use	Offic use
☒ a) Basic national fee	**$300.00**	$ **$300.00**	
☒ b) Examination fee	**$200.00**	$ **$200.00**	
☒ c) Search fee	**$500.00**	$ **$500.00**	
TOTAL OF ABOVE CALCULATIONS =	**$1000.00**	$ **$1,000.00**	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is **$250** for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round **up** to a whole	RATE		
74 - 100 =	-26 /50 =	0	x	$250.00	$ **$0.00**

Surcharge of **$130.00** for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).			$	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x	$50.00	$ **$0.00**
Independent claims	2 - 3 =	0	x	$200.00	$ **$0.00**
MULTIPLE DEPENDENT CLAIMS (if applicable) ☐			+	$360.00	$ **$0.00**
TOTAL OF ABOVE CALCULATIONS =					$ **$1,000.00**
☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					$ **$0.00**
SUBTOTAL =					$ **$1,000.00**
Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					$ **$0.00**
TOTAL NATIONAL FEE =					$ **$1,000.00**
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40** per property +					$ **$0.00**
TOTAL FEES ENCLOSED =					$ **$1,000.00**
Amount to be refunded:					$
Amount to be charged:					$

a. ☒ A check in the amount of $ **$1,000.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **23-0920** . A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Eric D. Cohen
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606

Customer No. 24628

SIGNATURE

Eric D. Cohen

NAME

38,110

REGISTRATION NUMBER

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): **Bisiules et al.**

Docket No. **90959US**

10/529677

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Application No.	Filing Date	Examiner	Customer No.	Group Art Unit
To Be Assigned	**March 29, 2005**	**To Be Assigned**	**24628**	**To Be Assigned**

Invention: **IMPROVEMENTS RELATING TO DIPOLE ANTENNAS AND COAXIAL TO MICROSTRIP TRANSITIONS**

I hereby certify that the following correspondence:

Express Mail Label EV 592966538 US; Preliminary Amendment; Specifications (39 Pages); Formal Drawings (35 Sheets); PCT International Patent Application; International Search Report; Unexecuted Declaration and Power of Attorney; Application Data Sheet; Check in the Amount of $1,000.00; and Postcard.

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

March 29, 2005
(Date)

Shannon Wooten
(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 592966538 US
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